

**EUSO: EXTREME UNIVERSE SPACE OBSERVATORY –
IDENTIFICATION OF NEUTRINO INDUCED SHOWERS.**

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The EUSO Space Observatory will offer a unique opportunity to detect EHE neutrinos with energy exceeding 10^{19} eV. The results of a simulation of neutrino induced showers in the atmosphere are presented and the EUSO capability in neutrino-proton discrimination is discussed

Note: EUSO has been approved for the Phase A study by the European Space Agency ESA. The Phase A study will start in April 2001 and the EUSO Collaboration will be consequently formalized.